

**CLAIMS****WHAT IS CLAIMED IS:**

- 5           1. A direct-point attachment glazing (bolted glass) system comprising:  
          (1) a polymer interlayer (2) at least one sheet of glass; (3) at least  
          one receptor for an attachment means; and (4) at least one  
          attachment means, wherein the polymer interlayer is bonded on at  
          least one surface to at least one sheet of glass, and wherein at  
10          least one receptor is adhesively bonded to the glass by the polymer  
          interlayer in such a way that the receptor is positioned to  
          mechanically accept the attachment means.
2. The bolted glass system of Claim 1, wherein said interlayer  
          comprises a thermoplastic polymer composition having a Storage  
          Young's Modulus of 100 -1,000 MPa (mega Pascals) at 1.0 Hz and  
15          25°C, as determined according to ASTM D 5026-95a.
3. The bolted glass system of Claim 2, wherein said interlayer  
          consists essentially of a water insoluble salt of a copolymer of  
          ethylene and methacrylic acid or acrylic acid containing 14-28% by  
20          weight of the acid and having about 20-60% by weight of the acid  
          neutralized with sodium ion, or zinc ion, or magnesium ion, or  
          combinations thereof, and the ionomer resin has a melt index of  
          about 0.5 – 50.
4. The bolted glass system of Claim 3 wherein the system is  
          constructed as shown in any of Figures 1 through 11.
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          constructed as shown in Figure 1.
6. The bolted glass system of Claim 3 wherein the system is  
          constructed as shown in Figure 2.
7. The bolted glass system of Claim 3 wherein the system is  
30          constructed as shown in Figure 3.
8. The bolted glass system of Claim 3 wherein the system is  
          constructed as shown in Figure 4.

9. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 5.
10. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 6.
- 5 11. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 7.
12. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 8.
- 10 13. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 9.
14. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 10.
15. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 11.

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